

## Certificate of Analysis

Date of Testing: 2025-06-12 18:16:59

Date of Next Testing: 2029-06-11 18:16:59

Product Name: **Xylitol**

CAS Number: 87-99-0

Specifications & Purity:  $\geq 98\%$

Lot #: F2503606

SKU #: **X100092**

Version: **0**

Analysis #: **514836**

Storage Temperature: Argon charged, Desiccated

| Parameter                                                                               | Limit Values                            | Result                                  |
|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| (As)Arsenic                                                                             | 0-3 (ppm)                               | 0.20 ppm                                |
| Water by Karl Fischer                                                                   | 0-0.5 (%)                               | 0.01 %                                  |
| Melting point                                                                           | 91-95 (°C)                              | 94.88000 °C                             |
| Chloride (Cl-)                                                                          | 0-50 (ppm)                              | 0.41 ppm                                |
| Purity(HPLC)                                                                            | 98-100 (%)                              | 99.60600 %                              |
| Heavy metal (as Pb)                                                                     | 0-10 (ppm)                              | 0.54 ppm                                |
| Sulfate Ash                                                                             | 0-0.5 (%)                               | 0.10 %                                  |
| Purity(Titration by HClO <sub>4</sub> )                                                 | 99-101 (%)                              | 100.35 %                                |
| Reducing sugars                                                                         | 0-0.2 (%)                               | 0.10 %                                  |
| Appearance (X100092)                                                                    | White Powder, Crystals and/or<br>Chunks | White Powder, Crystals and/or<br>Chunks |
| Solubility in H <sub>2</sub> O , Colorless, Clear ,50 mg/mL in pass<br>H <sub>2</sub> O |                                         | Pass                                    |
| Infrared spectrum                                                                       | Conforms to Structure                   | Conforms to Structure                   |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager